

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICANT : Sproul

INVENTION: : SURGICAL TOOL WITH AN ELECTROACTIVE POLYMER FOR USE IN A BODY

SERIAL NUMBER :

FILING DATE : (Filed Herewith)

EXAMINER: :

GROUP ART UNIT :

ATTORNEY DOCKET NO. : 2630.001

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

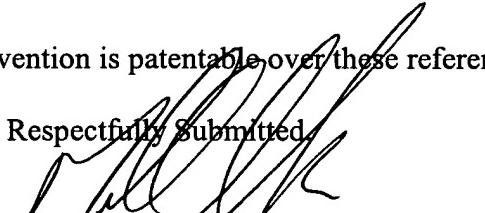
Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, the references cited on the accompanying form PTO-1449 are hereby brought to the attention of the Examiner for independent evaluation. A copy of each reference is enclosed. The references were cited in the specification and their relevancy is set forth therein.

Applicant submits that the present invention is patentable over these references.

Date: 11/26/03

Respectfully Submitted,



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Form PTO-1449 (Rev. 2-88)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2630.001		APPLICATION NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Sproul			
<i>(Use several sheets if necessary)</i>				FILING DATE (Filed Herewith)		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,731,681	05/73	Blackshear et al.			
		5,176,641	01/93	Idriss			
		6,248,110	06/01	Reiley et al.			
		6,582,439	06/03	Sproul			
		6,586,859	07/03	Kornbluh et al.			
		6,632,235	10/03	Weikel et al.			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		US 2003/0006669 A1; Pub Date: January 9, 2003; "Rolled Electroactive Polymers".					
		Ashley, "Artificial Muscles", Scientific American (Oct 2003), pp. 53-59.					
EXAMINER				DATE CONSIDERED			
<p>* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							